

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

1043.003

Not yet assigned

APPLICANT  
Raúl A. Casas, Azaédine Touzni, Thomas J. Endres,  
Stephen L. Biracree, Christopher H. Strolle and  
Samir N. Hulyalkar

FILING DATE

GROUP

Not yet assigned

Not yet assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jam	AA	5,872,815	02/16/99	Strolle et al.			
jam	AB	5,909,466	06/01/99	Labat et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

jam	AC	"Phase recovery based on minimization of Single-Axis Constant Modulus criterion: Performance analysis" by A. Touzni, et al., 2001 Conference on Information Sciences and Systems, The John Hopkins University, March 21-23, 2001.
jam	AD	"A New Approach to Multipath Correction of Constant Modulus Signals" by John R. Treichler and Brian G. Agee, IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. ASSP-31, No. 2, April 1983; pps. 459-471.
jam	AE	"Global Convergence of a Single-Axis Constant Modulus Algorithm" by A. Shah, et al., <u>Proceedings of the Statistical Signal and Array Processing Workshop</u> , Pocono Manor, PA, August 2000.
jam	AF	"Self-Recovering Equalization in Two-Dimensional Data Communications Systems" by D. N. Goddard, <u>IEEE Transactions on Communications</u> , Oct. 1980, Vol. 28, No. 11, pps. 1867-1875.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1043.003

(Form PTO-1449)

10879 U.S. PTO  
10/016665

12/11/01